

Thalidomide-Piperazine-Piperidine hydrochloride Biochemical

Thalidomide-Piperazine-Piperidine hydrochloride

CATALOG #
AAA228526

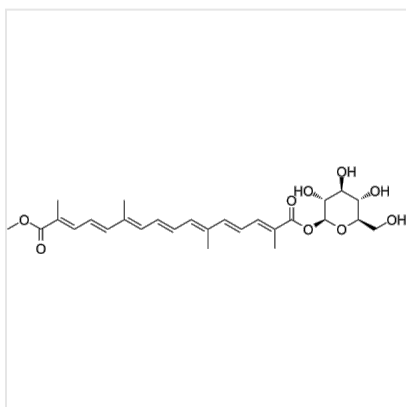
PRODUCT SYNONYMS

Thalidomide-Piperazine-Piperidine hydrochloride; Thalidomide-Piperazine-Piperidine hydrochloride biochemical

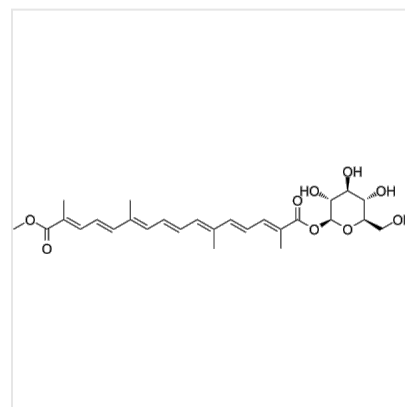
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2599846-44-1
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Crocin-4, CAS 55750-86-2



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ADDITIONAL INFORMATION

Related Product Information for Thalidomide-Piperazine-Piperidine hydrochloride biochemical	Thalidomide-Piperazine-Piperidine hydrochloride is a synthesized E3 ligase ligand-linker conjugate. Thalidomide-Piperazine-Piperidine hydrochloride incorporates the Thalidomide based cereblon ligand and a linker used in PROTAC technology.
References	- Chalatsa I, et, al. The Crocus sativus Compounds trans-Crocin 4 and trans-Crocetin Modulate the Amyloidogenic Pathway and Tau Misprocessing in Alzheimer Disease Neuronal Cell Culture Models. Front Neurosci. 2019 Mar 26;13:249. - Koulakiotis NS, et, al. Crocus-derived compounds alter the aggregation pathway of Alzheimer's Disease: associated beta amyloid protein. Sci Rep. 2020 Oct 23;10(1):18150. - Karkoula E, et, al. Trans-crocin 4 is not hydrolyzed to crocetin following i.p. administration in mice, while it shows penetration through the blood brain barrier. Fitoterapia. 2018 Sep;129:62-72.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/thalidomide-piperazine-piperidine-hydrochloride/228526>